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A SUMMARY OF NATIONAL AIR SAMPLING NETWORK SUSPENDED PARTICULATE DATA, 1957-1963

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio

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National air sampling network

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A SUMMARY OF NATIONAL AIR SAMPLING NETWORK SUSPENDED PARTICULATE DATA: 1957-1963

The National Air Sampling Network is operated by the Laboratory of Engineering and Physical Sciences, Division of Air Pollution, U.S. Public Health Service, Cincinnati, Ohio with the assistance and cooperation of many state and local governmental agencies.

The following tables were prepared by the Technical Assistance Branch of the Division of Air Pollution of the Public Health Service. They are tabulations appearing in the following publications:

Air Pollution Measurements of the National Air Sampling Network
Analyses of Suspended Particulates 1957-1961.
Public Health Service Publication #978
U.S. Government Printing Office, Washington, D.C. 1962, $1.50

Air Quality Data National Air Sampling Network: 1962
U.S. Dept. of Health, Education and Welfare,
Public Health Service, Cincinnati, Ohio (1964)

Air Pollution Measurements of the National Air Sampling Network
Analyses of Suspended Particulates 1963
U.S. Department of Health, Education and Welfare, Public
Health Service, Cincinnati, Ohio (1965)

SUSPENDED PARTICULATE MATTER: URBAN STATIONS
YEARLY AND CUMULATIVE

Location	Years	No. of Samples	Concentrations micrograms per cubic meter: Maximum	Geometric mean	90 Percentile*
Alabama					
Birmingham	57-61	122	640	126	221
	62	26	246	126	214
	63	26	505	129	241
Huntsville	63	25	166	72	151
Mobile	58-60	50	485	127	302
	62	26	247	92	197
Montgomery	59-61	51	165	74	122
	63	26	163	76	127
Alaska					
Anchorage	57-61	128	487	83	254
	62	25	165	69	122
	63	26	234	52	151
Arizona					
Phoenix	57-61	125	573	207	374
	62	25	466	221	393
	63	25	377	186	200
Tucson	60-61	48	521	128	230
	62	26	270	117	214
	63	25	219	106	227
Arkansas					
Little Rock	57-61	129	190	74	131
	62	23	399	71	120
California					
Berkeley	59-61	51	286	79	180
	63	23	194	64	127
Burbank	57-60	51	433	163	331
Fresno	58-60	49	372	104	175
	62	26	182	88	145
Glendale	59-61	48	495	143	266
	63	26	284	101	214
Long Beach	58-61	51	566	148	2[illegible]
	63	25	557	111	214
Los Angeles	57-61	119	594	169	289
	62	24	33[illegible]	139	321
	63	26	251	114	214

*90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: URBAN STATIONS
YEARLY AND CUMULATIVE

Location	Years	No. of Samples	Concentrations micrograms per cubic meter		
			Maximum	Geometric mean	90 Percentile*
Oakland	58-61	74	289	87	170
	62	25	206	87	151
	63	25	197	79	166
Pasadena	57-60	49	381	126	200
	62	24	439	163	393
Richmond	58-60	48	186	63	104
	62	24	101	41	85
Sacramento	58-60	51	403	76	180
	62	26	143	62	117
San Bernardino	57-61	69	470	175	334
	63	23	316	146	292
San Diego	57-61	124	241	85	161
	62	25	246	91	203
	63	25	282	76	151
San Francisco	57-61	128	253	66	145
	62	26	175	57	107
	63	26	158	64	107
San Jose	57-61	77	307	106	203
	63	26	287	87	180
Santa Barbara	62	25	134	71	127
	63	25	162	67	120
Stockton	58	26	316	105	180
	63	26	172	68	117
Colorado					
Denver	57-61	123	341	110	214
	62	24	169	92	127
	63	26	373	169	254
Pueblo	63	25	222	114	197
Connecticut					
Bridgeport	58-60	45	267	93	161
	62	26	145	89	127
Hartford	57-61	126	314	89	157
	62	26	293	112	234
	63	25	185	98	151

*90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: URBAN STATIONS
YEARLY AND CUMULATIVE

LOCATION	YEARS	No. of Samples	Concentrations micrograms per cubic meter		
			Maximum	Geometric mean	90 Percentile*
New Britain	59-61	47	247	89	146
New Haven	57-61	122	248	85	143
	62	26	156	80	117
	63	25	167	80	143
Norwich	63	26	171	65	101
Stanford	57-60	52	247	89	189
	62	26	130	61	107
Waterbury	58-61	46	266	81	161
	63	25	165	65	107
Delaware					
Wilmington	57-61	96	743	175	302
	62	23	354	135	214
	63	25	621	149	254
Dist. of Col.					
Washington	58-61	92	268	108	208
	62	23	168	88	161
	63	25	231	108	214
Florida					
Jacksonville	58-60	52	220	94	175
	62	26	133	58	107
Miami	57-61	75	134	56	87
	63	25	154	55	139
Orlando	59-61	45	164	69	105
	62	23	167	74	127
	63	22	136	71	117
St. Petersburg	61	25	76	45	64
	62	25	99	40	64
	63	25	78	48	76
Tampa	57-61	129	233	86	126
	62	24	180	73	127
	63	23	184	97	151
Georgia					
Atlanta	57-61	117	338	99	172
	62	25	173	84	151
	63	26	186	96	147

*90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: URBAN STATIONS
YEARLY AND CUMULATIVE

Location	Years	No. of Samples	Concentrations micrograms per cubic meter		
			Maximum	Geometric mean	90 Percentile*
Augusta	58-61	51	225	69	139
	63	25	144	73	120
Columbus	57-60	51	209	92	148
	62	26	208	78	151
Macon	58-60	50	754	87	214
	62	24	327	90	214
Savannah	59-61	49	192	75	122
	63	26	145	72	127
Hawaii					
Honolulu	57-61	124	123	49	79
	62	26	82	39	64
	63	26	88	39	57
Idaho					
Boise	57-61	127	435	105	171
	62	26	166	86	139
	63	23	167	70	127
Illinois					
Chicago	58-61	89	714	187	281
	62	26	213	115	189
	63	24	257	137	214
E. St. Louis	58-61	45	549	189	359
	63	23	550	184	393
Joliet	63	26	480	111	254
N. Chicago	63	23	539	81	254
Peoria	58	25	294	152	278
	62	24	262	127	234
Rockford	59-61	52	366	85	139
Springfield	62	22	244	109	180
Indiana					
East Chicago	57-61	112	978	183	338
	62	20	420	173	345
	63	21	409	171	359
Evansville	57-60	51	252	108	163
	62	24	181	81	139

*90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: URBAN STATIONS
YEARLY AND CUMULATIVE

Location	Years	No. of Samples	Concentrations micrograms per cubic meter		
			Maximum	Geometric mean	90 Percentile*
Fort Wayne	57-60	52	304	117	180
	62	25	202	106	166
Gary	58-60	50	945	224	508
	62	22	367	192	340
Hammond	59-61	51	381	130	254
	63	26	581	155	302
Indianapolis	57-61	119	354	162	244
	62	26	232	134	180
	63	23	367	163	278
Muncie	63	25	195	92	166
South Bend	59-61	50	355	105	214
	63	26	236	115	197
Terre Haute	61	26	203	110	180
	63	23	219	126	214
Iowa					
Cedar Rapids	63	26	319	125	197
Davenport	58-61	46	276	107	191
	63	25	270	102	180
Des Moines	57-61	126	462	150	262
	62	26	291	116	214
	63	25	351	110	214
Kansas					
Kansas City	60	26	203	110	180
	62	24	420	141	302
Topeka	59-61	47	158	91	125
	63	26	379	79	151
Wichita	57-61	115	332	93	167
	62	25	167	88	151
	63	26	400	89	139
Louisiana					
Baton Rouge	57-60	50	352	132	273
	62	25	267	124	197

*90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: URBAN STATIONS
YEARLY AND CUMULATIVE

Location	Years	No. of Samples	Concentrations micrograms per cubic meter		
			Maximum	Geometric mean	90 Percentile*
Lake Charles	62	26	158	76	127
New Orleans	57-61	129	239	89	126
	62	26	189	75	117
	63	26	292	125	214
Shreveport	59-61	49	302	97	189
Maine					
Portland	58-61	94	233	85	158
	62	24	150	85	139
	63	25	118	65	107
Maryland					
Baltimore	57-61	127	495	132	239
	62	26	329	127	203
	63	26	292	125	214
Cumberland	63	26	220	112	191
Fort Howard	62	26	182	59	99
	63	25	191	67	122
Hagerstown	62	25	211	100	145
	63	24	135	93	135
Rivera Beach	63	24	179	83	139
Rockville	62	24	134	59	120
	63	25	89	59	84
Westminster	62	23	129	59	107
Massachusetts					
Boston	57-61	126	311	131	214
	62	24	504	131	214
	63	22	180	108	151
Brockton	58-61	97	301	74	141
	62	24	190	66	127
Cambridge	59-61	75	222	88	151
Fall River	58-61	67	326	89	180
	62	24	360	95	214
Lawrence	57-61	74	186	64	124
	62	25	143	55	107

*90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: URBAN STATIONS
YEARLY AND CUMULATIVE

Location	Years	No. of Samples	Concentrations micrograms per cubic meter Maximum	Geometric mean	90 Percentile*
Lowell	59-61	43	169	59	127
	63	26	213	68	107
Lynn	57-61	73	309	75	151
	62	25	206	76	151
New Bedford	59-61	76	115	50	76
Quincy	58-61	94	276	79	126
	62	22	178	92	166
Somerville	57-61	75	191	68	120
	62	25	247	79	166
Springfield	58-61	95	345	68	139
	62	25	143	53	90
Worcester	57-61	103	449	95	169
	62	22	202	71	191
	63	26	161	68	114
Michigan					
Dearborn	59-61	48	354	116	214
	63	26	409	107	214
Detroit	57-61	126	358	134	237
	62	25	350	106	214
	63	26	404	116	227
Flint	57-59	52	468	118	189
	63	23	504	82	180
Grand Rapids	62	22	172	92	143
	63	24	588	149	359
Jackson	58-61	50	128	67	104
	63	26	330	72	166
Kalamazoo	57-60	49	258	81	163
	62	25	120	76	119
Lansing	57-60	49	160	77	127
	62	25	174	68	139
Muskegon	63	26	287	87	197

*90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: URBAN STATIONS
YEARLY AND CUMULATIVE

Location	Years	No. of Samples	Concentrations micrograms per cubic meter: Maximum	Geometric mean	90 Percentile*
Saginaw	58-60	52	202	94	158
	62	25	210	79	166
Minnesota					
Duluth	57-61	77	401	73	145
	63	25	128	53	107
Minneapolis	57-61	129	722	94	180
	62	26	167	81	127
	63	26	166	70	107
St. Paul	58-61	75	265	98	157
	62	24	255	90	180
	63	26	277	103	175
Mississippi					
Jackson	57-61	118	279	73	142
	62	25	153	64	90
	63	23	148	79	127
Missouri					
Kansas City	57-61	122	436	141	237
	62	24	328	130	234
	63	24	465	145	254
St. Louis	57-61	125	658	160	283
	62	25	267	131	197
	63	25	180	111	170
Montana					
Anaconda	62	24	339	91	214
Billings	62	26	210	77	151
Butte	62	26	425	109	302
Great Falls	62	26	151	56	100
Helena	57-61	127	466	55	124
	62	25	108	48	90
	63	26	326	96	166
Libby	62	26	334	116	214
Missoula	62	26	424	166	278

*90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: URBAN STATIONS
YEARLY AND CUMULATIVE

Location	Years	No. of Samples	Concentrations micrograms per cubic meter		
			Maximum	Geometric mean	90 Percentile*
Nebraska					
Lincoln	57-60	51	248	101	191
	62	26	207	82	151
Omaha	57-61	123	823	106	177
	62	25	206	100	180
	63	25	326	96	166
Nevada					
Las Vegas	57-61	91	639	147	248
	62	21	982	230	340
	63	24	553	150	302
Reno	63	24	224	94	203
New Hampshire					
Manchester	58-61	82	223	59	101
New Jersey					
Atlantic City	58-61	51	136	67	104
	63	25	142	75	127
Bayonne	63	24	163	88	147
Camden	57-60	51	352	165	283
	62	26	296	145	238
East Orange	57-60	40	366	78	180
	62	24	139	61	107
Elizabeth	58-60	47	278	120	180
	62	25	203	104	180
Hamilton	63	23	171	90	151
Jersey City	57-61	76	311	154	214
	63	25	189	118	174
Newark	58-61	96	427	97	174
	62	26	318	101	170
	63	26	246	101	180
Patterson	63	26	200	85	151
Trenton	62	22	207	78	127

*90 percent of measured concentrations are equal to or less than stated value

SUSPENDED PARTICULATE MATTER: URBAN STATIONS
YEARLY AND CUMULATIVE

Location	Years	No. of Samples	Concentrations micrograms per cubic meter: Maximum	Geometric mean	90 Percentile*
New Mexico					
Albuquerque	57-61	119	1706	183	346
	62	26	366	147	246
	63	25	421	137	359
New York					
Albany	60-61	48	136	59	107
	62	26	292	83	151
	63	26	216	79	127
Binghamton	57-61	101	224	83	139
	62	25	239	100	180
	63	23	290	88	214
Buffalo	59-61	73	283	103	180
	63	26	254	101	197
Elmira	59-61	76	227	72	124
	62	26	185	67	151
Glen Cove	59-61	69	327	93	209
	62	22	363	123	254
Massena	59-61	70	129	46	87
	62	26	85	41	68
	63	26	129	43	70
Mt. Vernon	61	25	230	96	180
	63	26	262	95	166
New Rochelle	59-61	73	520	105	214
	63	26	165	62	117
New York	57-61	127	532	169	281
	62	25	354	171	302
	63	25	431	189	427
Niagara Falls	59	23	429	146	302
	63	26	359	120	254
Rochester	58-61	101	313	118	206
	62	26	167	84	139
	63	25	219	87	166
Schenectady	57-60	69	207	64	105
	63	26	275	89	151
Syracuse	57-61	103	347	115	207
	62	26	318	107	180
	63	26	269	113	170

*90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: URBAN STATIONS
YEARLY AND CUMULATIVE

Location	Years	No. of Samples	Concentrations micrograms per cubic meter		
			Maximum	Geometric mean	90 Percentile*
Troy	59-61	68	245	73	111
	62	24	268	74	180
	63	21	129	67	117
Utica	57-61	99	373	91	177
	62	26	264	102	151
	63	26	228	94	139
North Carolina					
Asheville	58-60	51	222	94	166
	62	25	247	89	151
Charlotte	57-61	128	365	114	218
	62	24	190	97	170
	63	26	246	101	180
Durham	63	26	172	98	163
Gastonia	63	26	113	53	90
Greensboro	58-61	48	156	66	107
	63	26	123	64	107
Raleigh	59-61	49	156	71	105
	63	24	121	53	99
Wilmington	63	26	109	55	90
Winston-Salem	57-60	51	306	108	214
	62	26	191	119	174
North Dakota					
Bismarck	57-61	126	324	80	159
	62	25	269	74	166
	63	26	697	74	143
Ohio					
Akron	58-61	76	431	128	224
	62	26	338	116	227
	63	25	288	113	241
Canton	57-61	78	323	171	268
	63	26	289	140	266
Cincinnati	57-61	122	336	128	200
	62	25	294	117	254
	63	26	204	116	180

*90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: URBAN STATIONS
YEARLY AND CUMULATIVE

Location	Years	No. of Samples	Concentrations micrograms per cubic meter		
			Maximum	Geometric mean	90 Percentile*
Cleveland	57-61	126	445	155	254
	62	23	212	112	180
	63	24	344	144	254
Columbus	57-61	127	374	129	221
	62	25	211	98	151
	63	26	227	105	166
Dayton	58-61	98	327	113	186
	62	25	274	102	151
	63	26	198	105	180
Hamilton	59-61	52	265	106	200
	63	26	222	95	180
Lorain	57-60	52	417	129	270
	62	26	382	106	214
Springfield	58-60	50	264	110	180
	62	25	215	82	197
Toledo	57-59	50	311	104	176
	62	26	204	91	127
	63	26	412	99	191
Youngstown	57-61	130	406	138	254
	62	26	602	140	227
	63	26	397	150	241
Oklahoma					
Oklahoma City	58-61	73	173	78	105
	62	24	150	74	107
Tulsa	57-61	64	268	66	123
	62	23	107	57	99
	63	25	108	61	90
Oregon					
Eugene	61	22	158	77	161
	63	21	400	80	214
Medford	61	22	249	109	227
	63	24	374	84	180
Portland	57-61	127	334	76	163
	62	23	609	97	359
	63	24	166	79	143

* 90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: URBAN STATIONS
YEARLY AND CUMULATIVE

Location	Years	No. of Samples	Concentrations micrograms per cubic meter: Maximum	Geometric mean	90 Percentile*
Pennsylvania					
Allentown	59-61	51	298	117	224
	63	26	176	99	151
Altoona	63	22	254	101	170
Bethlehem	61	25	254	141	214
	63	26	188	111	151
Erie	61	22	197	101	173
	63	25	214	95	151
Harrisburg	58-60	50	292	101	214
	62	20	148	76	107
Johnstown	59-61	44	452	160	359
	63	23	485	155	254
Lancaster	62	25	225	91	203
Philadelphia	57-61	123	411	163	288
	62	25	255	151	241
	63	25	308	148	234
Pittsburgh	57-61	123	977	160	359
	62	26	432	153	302
	63	25	402	164	359
Reading	58-60	50	404	117	208
	62	25	332	122	180
Scranton	57-61	78	537	156	331
	63	26	413	158	302
Wilkes Barre	58-60	51	260	97	203
	62	26	183	94	161
York	59-61	51	408	126	270
	63	26	274	130	241
Puerto Rico					
San Juan	57-61	92	209	76	116
	62	22	185	96	139
Rhode Island					
East Providence	63	25	112	63	107
Providence	57-61	126	294	100	180
	62	26	176	93	151
	63	21	422	110	214

*90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: URBAN STATIONS
YEARLY AND CUMULATIVE

Location	Years	No. of Samples	Concentrations micrograms per cubic meter Maximum	Geometric mean	90 Percentile*
South Carolina					
Charleston	59-61	49	233	64	114
	63	25	131	61	117
Columbia	57-61	95	274	100	161
	62	23	152	84	143
	63	23	141	62	107
Greenville	57-60	51	285	105	214
	62	26	125	72	112
South Dakota					
Sioux Falls	57-61	125	358	81	176
	62	23	239	80	127
	63	23	387	57	90
Tennessee					
Chattanooga	58-61	101	532	190	349
	62	25	233	146	214
	63	25	328	176	302
Knoxville	57-61	75	306	119	231
	63	25	314	114	214
Memphis	58-61	76	234	93	145
	62	26	158	101	143
	63	23	229	128	174
Nashville	57-61	129	456	127	234
	62	26	319	143	254
	63	26	285	124	197
Texas					
Abilene	62	26	129	76	101
	63	25	231	92	180
Amirillo	62	23	158	44	76
	63	25	710	56	151
Austin	58-61	52	181	77	141
	62	26	263	125	214
	63	26	227	112	197
Beaumont	59-61	47	190	67	104
	62	21	324	86	180
Corpus Christi	57-61	77	236	62	99
	62	25	93	66	96
	63	23	174	79	127

*90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: URBAN STATIONS
YEARLY AND CUMULATIVE

Location	Years	No. of Samples	Concentrations micrograms per cubic meter		
			Maximum	Geometric mean	90 Percentile*
Dallas	57-61	90	243	95	172
	62	24	289	89	151
	63	23	324	76	151
El Paso	57-61	78	613	147	313
	62	26	257	128	234
	63	26	294	125	203
Ft. Worth	58-61	78	184	82	137
	62	26	190	84	139
	63	24	184	86	166
Galveston	59-61	49	125	49	93
	62	23	76	38	59
	63	23	297	74	151
Harlingen	62	23	168	74	122
Houston	57-61	125	385	104	195
	62	26	189	79	127
	63	22	199	94	151
Lubbock	62	26	264	91	151
	63	26	270	121	241
Odessa	63	26	185	97	166
San Angelo	62	26	139	67	99
	63	26	259	82	127
San Antonio	57-61	118	630	106	186
	62	22	148	60	107
	63	24	144	72	127
Texas City	59-61	46	196	70	135
	62	23	105	51	83
Tyler	63	26	128	58	76
Waco	58-61	76	313	79	139
	62	26	183	91	127
	63	25	216	87	180
Wichita Falls	62	26	390	126	227
	63	25	342	124	286

*90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: URBAN STATIONS
YEARLY AND CUMULATIVE

Location	Years	No. of Samples	Concentrations micrograms per cubic meter		
			Maximum	Geometric mean	90 Percentile*
Utah					
Salt Lake City	57-61	119	407	109	200
	62	26	259	140	214
	63	25	293	108	270
Vermont					
Burlington	57-61	127	156	51	88
	62	21	132	51	107
	63	21	87	51	83
Virginia					
Danville	60	25	247	80	151
	62	26	176	82	127
Hampton	58-61	77	162	63	110
	63	26	110	54	90
Norfolk	57-61	127	270	96	162
	62	24	166	94	151
	63	25	301	108	180
Portsmouth	61	24	159	87	151
	63	25	167	81	127
Richmond	57-61	76	232	83	161
	63	25	138	81	107
Roanoke	59	23	343	98	214
	63	22	260	95	197
Washington					
Bellingham	62	25	200	88	151
	63	25	151	68	135
Clarkston	63	26	396	148	247
Everett	62	26	221	89	151
	63	26	256	80	166
Seattle	57-61	102	446	79	145
	62	26	200	67	117
	63	24	129	58	100
Spokane	60-61	51	299	106	206
	62	26	198	74	161
	63	26	191	82	180
Tacoma	58-60	47	347	107	234
	62	26	304	97	254
	63	26	251	71	127

*90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: URBAN STATIONS
YEARLY AND CUMULATIVE

Location	Years	No. of Samples	Concentrations micrograms per cubic meter		
			Maximum	Geometric mean	90 Percentile*
Vancouver	62	26	208	92	180
	63	26	587	77	151
West Virginia					
Charleston	57-61	121	958	161	468
	62	25	514	167	468
	63	26	459	157	382
Huntington	60	24	219	114	197
	62	20	194	81	151
Wheeling	57-59	48	444	184	302
Wisconsin					
Kenosha	63	25	420	88	214
Madison	59-61	52	340	79	123
	63	26	230	73	151
Milwaukee	57-61	123	367	139	236
	62	22	231	96	151
	63	26	297	111	227
Racine	57-60	46	289	137	234
	62	24	147	72	127
Wyoming					
Cheyenne	57-61	124	130	40	75
	62	26	83	33	61
National	57-61	14494	1706	104	212
	62	3906	982	89	181
	63	4187	710	92	190

*90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: NONURBAN STATIONS

Location	Years	No. of Samples	Concentrations micrograms per cubic meter		
			Maximum	Geometric mean	90 Percentile*
National	57-61	3114	461	27	68
	62	790	229	25	60
	63	755	843	27	62
Alabama					
Baldwin County	58-59	45	60	27	49
Alaska					
Pt. Woronzof	58-61	100	83	14	38
	62	26	52	14	30
	63	25	95	16	64
Arizona					
Grand Canyon Pk.	59-61	70	79	17	49
	62	26	52	14	30
	63	25	67	18	43
Maricopa County	60-61	52	172	55	117
	62	26	99	49	81
	63	26	105	56	94
Arkansas					
Montgomery County	59-61	76	170	35	70
	62	23	55	25	45
	63	22	119	35	76
California					
Humboldt County	60-61	43	282	46	103
	63	23	76	31	54
Colorado					
Montezuma County	58-61	97	80	11	30
	62	25	52	12	38
	63	23	70	16	54
Connecticut					
Litchfield County	58-59	45	110	32	69
Delaware					
Kent County	59-61	47	140	58	94
	63	21	105	53	83
Florida					
Florida Keys	58-61	68	198	23	45
	62	25	49	27	43
	63	25	59	29	45
Georgia					
Chatham County	58-59	50	97	36	64

*90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: NONURBAN STATIONS

Location	Years	No. of Samples	Concentrations micrograms per cubic meter Maximum	Geometric mean	90 Percentile*
Hawaii					
Kahului	59-61	78	314	59	141
	62	25	60	32	51
	63	25	58	30	45
Waimanalo	57	23	85	38	81
Idaho					
Butte County	58-61	90	85	19	45
	62	23	38	14	30
	63	25	46	16	31
Illinois					
Sanganion County	58-59	47	142	53	87
Indiana					
Parke County	58-61	77	107	54	84
	62	26	91	52	68
	63	24	172	49	99
Iowa					
Delaware County	59-61	77	461	36	75
	62	23	100	40	76
	63	25	108	33	83
Kentucky					
Pulaski County	58-59	49	130	36	57
Louisiana					
St.Tammany Parish	59	25	201	52	127
Maine					
Acadia Nat. Pk.	58-61	96	80	24	50
	62	25	69	25	45
	63	21	56	19	51
Maryland					
Calvert County	59-61	76	115	38	64
	62	25	151	35	64
	63	26	78	39	62
Massachusetts					
Nantucket	58-59	52	133	38	76
Michigan					
Huron County	57-59	67	156	34	81
Minnesota					
Cook County	58-59	47	182	37	107

*90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: NONURBAN STATIONS

Location	Years	No. of Samples	Concentrations micrograms per cubic meter: Maximum	Geometric mean	90 Percentile*
Mississippi					
Jackson County	58-61	89	66	25	39
	62	21	63	24	38
Missouri					
Shannon County	58-61	68	71	30	56
	62	26	82	30	64
	63	21	74	31	64
Montana					
Glacier Natl. Pk.	58-61	102	225	11	38
	62	24	36	10	32
	63	21	47	12	27
Nebraska					
Thomas County	58-61	101	101	22	53
	62	26	80	15	32
	63	25	61	20	57
Nevada					
White Pine County	59-61	71	189	11	38
	62	21	59	15	38
	63	25	59	11	35
New Hampshire					
Coos County	59-61	72	39	16	29
	62	22	48	18	42
	63	20	49	19	32
New Mexico					
Colfax County	59-61	64	120	28	62
	62	25	92	29	54
New York					
Cape Vincent	60-61	47	68	26	52
	62	23	96	25	54
	63	25	62	27	45
North Carolina					
Cape Hatteras	58-61	93	86	31	47
	62	23	102	36	50
	63	23	62	27	45
North Dakota					
Ward County	58-61	99	95	20	57
	62	24	106	30	76
	63	24	843	38	90
Ohio					
South Bass Island	59	23	295	65	166

* 90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: NONURBAN

Location	Years	No. of Samples	Concentrations micrograms per cubic meter		
			Maximum	Geometric mean	90 Percentile*
Oklahoma					
Cherokee County	60-61	49	97	38	76
	62	25	97	45	83
	63	24	128	49	107
Oregon					
Curry County	58-59	44	123	39	85
	62	20	229	49	127
Pennsylvania					
Clarion County	58-61	94	158	39	76
	62	21	86	32	64
	63	21	68	28	54
Puerto Rica					
Loquillo Mts.	59-61	76	71	17	34
Rhode Island					
Washington County	59-61	75	122	30	76
	62	25	74	25	64
	63	26	129	32	76
South Carolina					
Richland County	59-61	73	92	31	57
	62	23	60	31	59
	63	23	70	36	54
South Dakota					
Black Hills	58	21	99	19	64
	62	24	80	17	54
	63	26	83	19	54
Texas					
Arkansas County	62	22	166	40	54
	63	24	72	36	64
Tennessee					
Stewart County	59	22	137	55	99
Utah					
Bryce Canyon Pk.	58-59	47	403	30	151
Vermont					
Orange County	60-61	50	81	39	61
	62	26	91	39	64
	63	25	59	31	54

*90 percent of measured concentrations are equal to or less than stated value.

SUSPENDED PARTICULATE MATTER: NONURBAN STATIONS

Location	Years	No. of Samples	Concentrations micrograms per cubic meter		
			Maximum	Geometric mean	90 Percentile*
Virginia					
Shenandoah Park	58-61	101	97	30	50
	62	26	70	32	54
	63	26	66	31	45
Washington					
Clallam County	61	21	42	12	21
West Virginia					
Webster County	58-59	45	76	28	54
Wisconsin					
Door County	58-60	44	172	26	64
	62	22	76	22	54
	63	24	70	22	54
Wyoming					
Yellowstone Park	61	26	25	7	21
	62	24	42	8	27
	63	22	24	8	21

*90 percentile of measured concentrations are equal to or less than stated value.